

May 24, 1976

MEMO TO FILE:

Re: Utah International Iron Mine
T. 35 S., R. 12 W.
Iron County, Utah

#43-021-001
Trail Planting

On May 13, 1976, a short examination was made of the trail plantings done on the 30th of March this year. The results of ocular estimates survival were as follows:

- A) Plot #1 McGary Mine Dump
Generally good survival, the best species being Russian Olive, Sand Cherry, Squawbush, European sage, and Rose. (survival approx. 75%) Other species were less than 50%.

*Yellow sweet clover exhibited good growth this year. Roads and dumps were covered with a solid mat of clover. Rips of the mine dumps contained the best clover growth.

- B) Plot #2 Newly Planted Aluvium
Good survival (over 75%) Russian Olive, Rose, and Sand Cherry. Poor survival (less than 35%) all other species except Mat Saltbush which is missing. (No signs of wildlife or livestock use were observed on this plot.)
- C) Plot #3 Older Aluvium
Extreme livestock damage was observed on this plot. Stakes and plants were trampled and knocked down by cows. Best survival (over 50%) Rose, European sage, Russian Olive. Poor survival (less than 35%) all other species.
- D) Misc. Planting
1. Mine dump - excellent survival (about 100%) European sage. Poor survival (less than 35 %) Bladdersenna. These were the only two species planted.
 2. Riparian - excellent survival was experienced here. All trees of both Hybrid Poplar and Golden Willow appeared to be growing vigorously. A slight reddish color was observed on poplar seedlings showing possible unavoidable iron.

Although this is just a preliminary inspection, it gives us some idea of the anticipated survival in this area under these specific site conditions. A more accurate accounting of survival rates and growth will be made towards the end of the first growing season.

RONALD W. DANIEES
COORDINATOR OF MINED
LAND DEVELOPMENT

RWD/lm

cc: Warren White